

AN 100:7724 HCA

TI Polyolefin compositions

PA Dainippon Ink and Chemicals, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

| PATENT NO.          | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------------|------|----------|-----------------|----------|
| PI JP--58049736     | A2   | 19830324 | 1981JP-0146278  | 19810918 |
| PRAI 1981JP-0146278 |      | 19810918 |                 |          |

AB Polyolefin compns. having excellent mech. strength, coating receptivity, and compatibility with other materials contain 0.05-40% maleated polypropylene (grafted maleic anhydride content 13-50%). Thus, a grafted Noblen BC-3B (polypropylene block copolymer) was prepd. contg. bonded maleic anhydride content 17.7%. An 85:15 blend of Noblen BC-3B and the graft polymer was coated with an acrylic-urethane compn. to give cross-cut adhesion 100/100. A specimen from Noblen MA 3 79.5, the graft polymer 0.5, and glass fiber 20 parts had tensile strength 790 kg/cm<sup>2</sup>, bending strength 910 kg/cm<sup>2</sup>, and Izod impact strength 10.2 kg-cm/cm.

IT Glass fibers, uses and miscellaneous  
RL: USES (Uses)

(propylene polymer blends reinforced with)

IT Plastics, reinforced

RL: USES (Uses)

(glass fiber-, propylene polymer blends)

IT 9003-07-0

RL: USES (Uses)

(blends with maleated propylene polymers, with improved mech. strength and coating receptivity)

IT 25722-45-6 31069-12-2

RL: USES (Uses)

(graft, polyolefin blends, with improved mech. strength and coating receptivity)

IT 9002-88-4 9010-79-1

RL: USES (Uses)

(maleated propylene polymer blends, with improved mech. strength and coating receptivity)